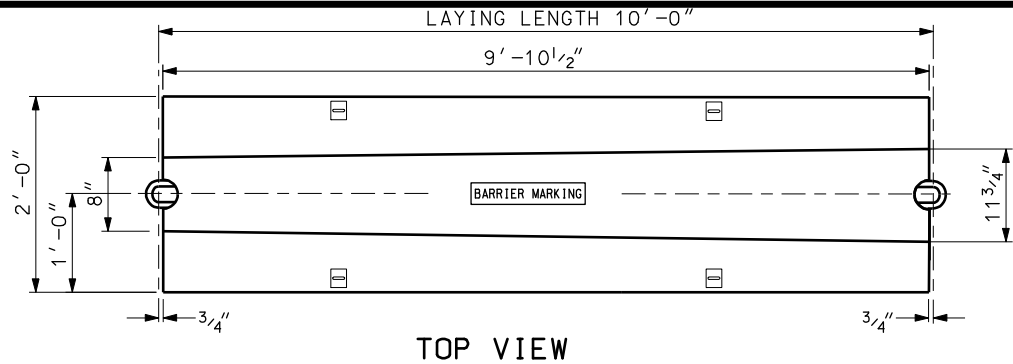
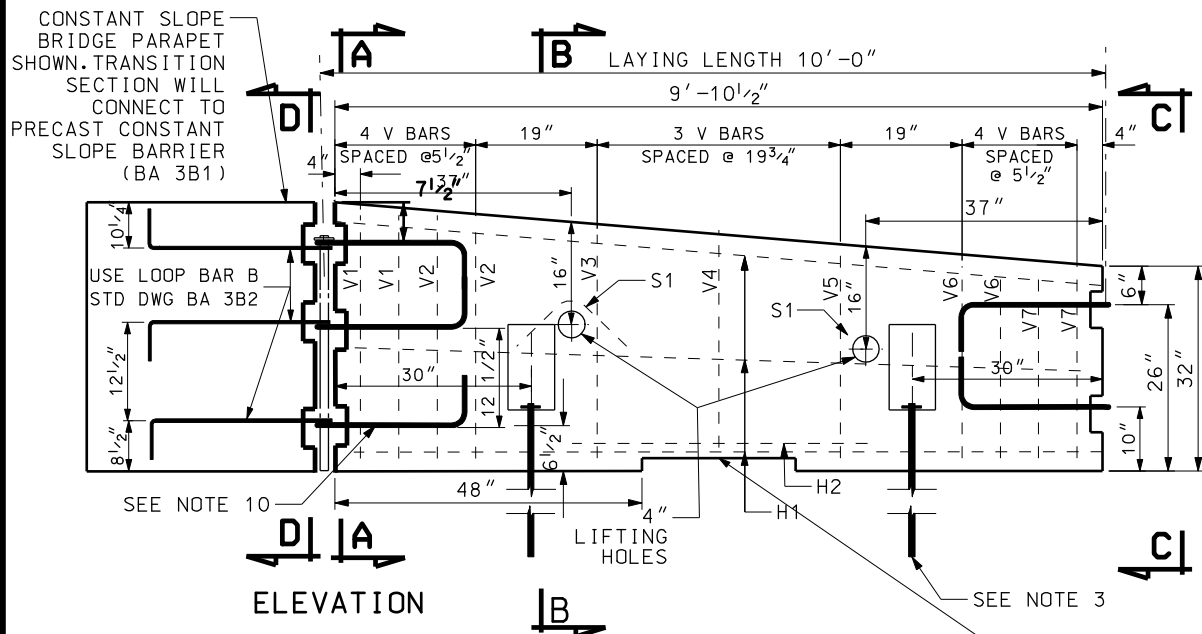


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TOP VIEW

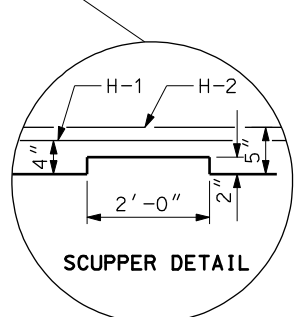


ELEVATION

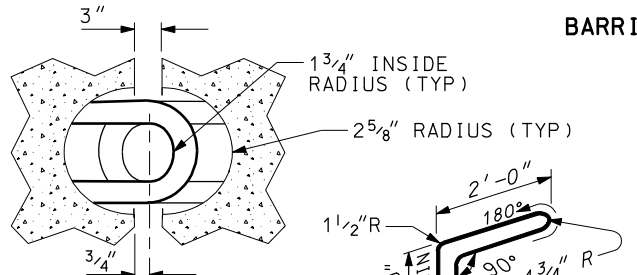
STEEL REINFORCEMENT TABLE

MARK	BAR SIZE	NO. OF BARS	SKETCH
H1	#5	(6) RUN THROUGH LENGTH OF BARRIER	9'-1"
H2	#5	(3) BARS CENTERED OVER SCUPPER	4'-4"
S1	#4	(2) 2 BARS CENTERED OVER EACH LIFTING HOLE	3 3/8" R, 1" COVER, 90°
S2	#4	(2) BARS CENTERED 1" BELOW TOP OF STABILIZATION PIN SLOTS	1 1/2" R, SLOTS, 1" MIN CLEAR TO BAR
V1	#5	2	(11) BARS PLACED AS PER ELEVATION DETAIL
V2	#5	2	
V3	#5	1	
V4	#5	1	
V5	#5	1	
V6	#5	2	
V7	#5	2	
			D
			38"
			37"
			35"
			34"
			33"
			30"
			29"

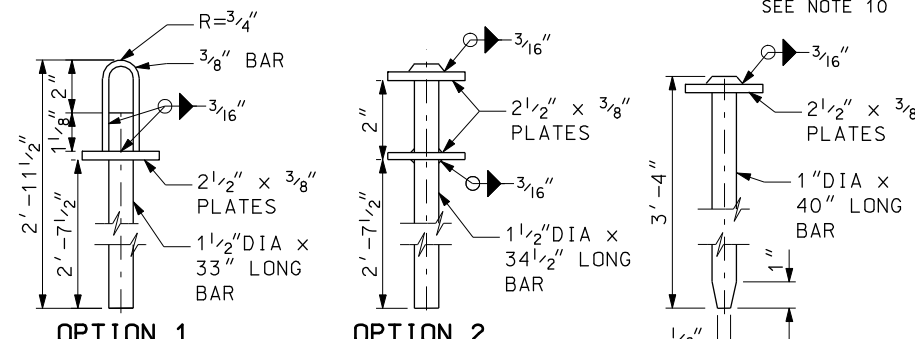
SEE NOTE 7



SCUPPER DETAIL



CONNECTION DETAILS



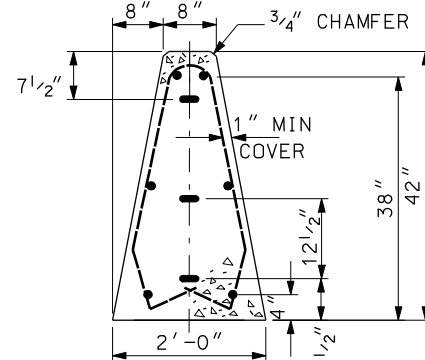
GALVANIZED CONNECTION PIN

SEE NOTES 7, 9

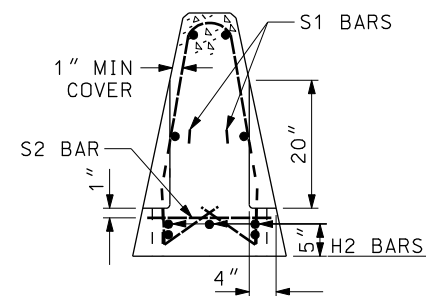
GALVANIZED STABILIZATION PIN

SEE NOTES 7, 9

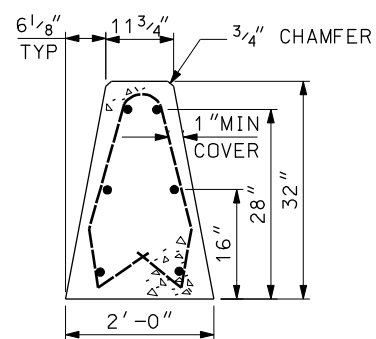
SUPPLEMENTAL DRAWING



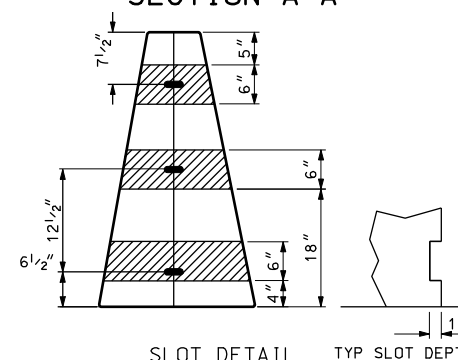
SECTION A-A



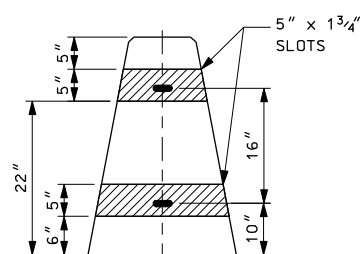
SECTION B-B



SECTION C-C

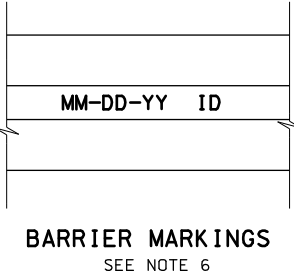


SLOT DETAIL SECTION A-A

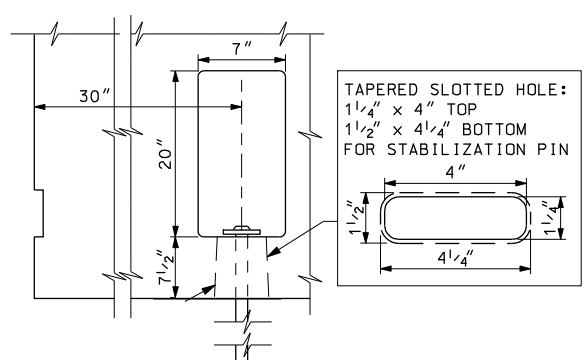


SLOT DETAIL SECTION C-C

SECTION D-D  
BRIDGE PARAPET  
SEE STRUCTURE DETAILS



BARRIER MARKINGS  
SEE NOTE 6



BARRIER STABILIZATION  
SLOT DETAIL

NOTES:

1. TRANSITION SECTION REQUIRED WHEN A CRASH CUSHION OR W-BEAM GUARDRAIL TRANSITION IS REQUIRED ON A CONSTANT SLOPE BRIDGE PARAPET OR PRECAST CONCRETE CONSTANT SLOPE BARRIER.
2. PROVIDE 4" OF PAVEMENT OR STABLE NON-ERODIBLE MATERIAL 1' IN FRONT OF AND 1' ON BOTH SIDES OF TRANSITION SECTION. PLACE TRANSITION SECTION ON TOP OF FINAL PAVEMENT COURSE.
3. ALL APPLICATIONS REQUIRE THE INSTALLATION OF STABILIZATION PINS AND CONNECTION PINS. PRE DRILL 1" DIA. HOLE THROUGH PAVEMENT SURFACE PRIOR TO INSTALLING STABILIZATION PINS.
4. USE A 4" WHITE PVC SLEEVE TO FORM THE LIFTING HOLES. LEAVE SLEEVE IN PLACE AFTER CASTING.
5. PLACE AN ADEQUATE AMOUNT OF SILICONE ADHESIVE ON BOTTOM OF WASHER BEFORE INSERTING PIN TO HOLD IN PLACE AND PREVENT EASY HAND REMOVAL.
6. MARK EACH TRANSITION SECTION WITH 1 1/2" NUMBERS INDICATING THE DATE OF CASTING AND IDENTIFICATION NUMBER SUPPLIED BY THE INSPECTOR, IMPRESSED 1/4" DEEP INTO THE TOP CENTER OF THE BARRIER.
7. MEET STANDARD SPECIFICATION 03211 FOR REINFORCING STEEL REQUIREMENTS. USE COATED BAR. USE STEEL ROD MEETING ASTM A 36 FOR CONNECTION PINS AND STABILIZATION PINS. GALVANIZE AFTER MANUFACTURING.
8. USE CLASS AA(AE) CONCRETE.
9. USE OF A HOT FORGED HEAD, MEETING PLATE SIZE AND THICKNESS IS ACCEPTABLE IN PLACE OF A WELDED PLATE.
10. SPREADING LOOP BARS INSIDE BARRIER PERMITTED WHEN LOOP BARS OVERLAP. SECURE LEG ENDS TO EACH OTHER WHEN OVERLAP OCCURS. DO NOT DEFORM LOOP RADIUS.

REVISONS				REMARKS			
NO.	DATE	APPR.	DATE	NO.	DATE	APPR.	DATE
1	10-30-08	CS					
PREVIOUSLY BA 3B. MODIFIED DRAWING TO MEET REQUIREMENTS OF PRECAST CONCRETE CONSTANT SLOPE BARRIER. ADDED TOP VIEW. REVISED NOTES 1, 7 AND 10.							

UTAH DEPARTMENT OF TRANSPORTATION			
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION			
SAIT LAYOUT			
RECOMMENDED FOR APPROVAL			
CHAIRMAN STANDARDS COMMITTEE			
DEPUTY DIRECTOR			
OCT.30.2008		DATE	
OCT.30.2008		DATE	

PRECAST CONCRETE CONSTANT SLOPE TRANSITION SECTION FOR CRASH CUSHION AND W-BEAM GUARDRAIL	
STANDARD DRAWING TITLE	
STD DWG BA 3B3	